

ENGINEERING TECHNICIANS

Engineering Technicians in the Technical Operations division at the FAA are responsible for maintaining, modifying and sustaining infrastructure throughout FAA operations. As an Engineering Technician, you will work in a support role at Systems Support Centers using a variety of general and specialized trade skills, including:

- Electrical
- Carpentry
- Painting
- Concrete
- Plumbing
- Welding
- Drywall

You will be responsible for developing supply estimates for various projects, gathering technical data, evaluating and formulating safety procedures, and determining resource needs (manpower, materials and fiscal requirements) for assigned projects. At times, you may assist project coordinators in planning, cost estimating, designing, developing, and completing local projects.

As an Engineering Technician, you must be able to learn airport layouts and navigate safely throughout Airport Operations Areas. You should also have a working knowledge of laws, policies, and procedures related to construction work environments, such as:

- Occupational Safety and Health Administration (OSHA)
- Facility, system, and equipment security
- Environmental Compliance Assessment Protocol (ECAP)
- National Electrical Code (NEC)

You will apply electrical, mechanical, and structural knowledge to perform your assigned duties, and you will periodically have to interpret construction and building blue prints. You will also use your experience and detailed technical construction knowledge to plan and complete assignments throughout the National Airspace System.



Maintenance of the structure surrounding a facility, such as the landscaping, fences, and gates can also fall within your duties.

QUALIFICATIONS

To qualify for this position, you must have one year of specialized experience, consisting of particular knowledge, skills, and abilities to perform the fundamentals of Engineering Technician work. This experience must include using a variety of trade skills, such as electrical, carpentry, painting, concrete, plumbing, welding and drywall; interpreting diagrams, specifications, manuals, and supply/cost estimates.

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**Federal Aviation
Administration**